

Rabbit anti-Mouse, Rat GRIN2B Polyclonal Antibody | anti-GRIN2B antibody

GRIN2B Polyclonal Antibody

CATALOG # AAA174516	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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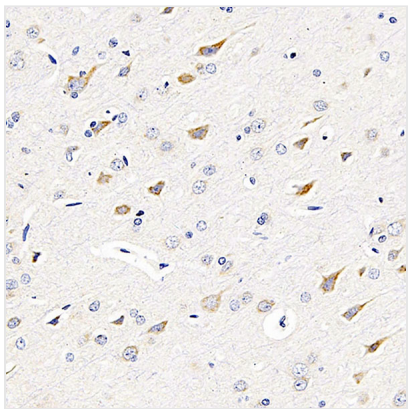
PRODUCT SYNONYMS

GRIN2B; Polyclonal Antibody; GRIN2B Polyclonal Antibody; AW490526; EIEE27; Glutamate [NMDA] receptor subunit epsilon 2; Glutamate [NMDA] receptor subunit epsilon-2; Glutamate Receptor Ionotropic N Methyl D Aspartate 2B; Glutamate Receptor Ionotropic N Methyl D Aspartate subunit 2B; Glutamate receptor ionotropic NMDA2B; Glutamate receptor subunit epsilon 2; Glutamate receptor; ionotropic; NMDA2B (epsilon 2); GRIN 2B; hNR 3; hNR3; MGC142178; MGC142180; MRD6; N methyl D aspartate receptor channel subunit epsilon 2; N methyl D aspartate receptor subtype 2B; N methyl D aspartate receptor subunit 2B; N methyl D aspartate receptor subunit 3; N-methyl D-aspartate receptor subtype 2B; N-methyl-D-aspartate receptor subunit 3; NMDA NR2B; NMDA R2B; NMDAR2B; NMDE2; NME2; NR2B; NR3; anti-GRIN2B antibody

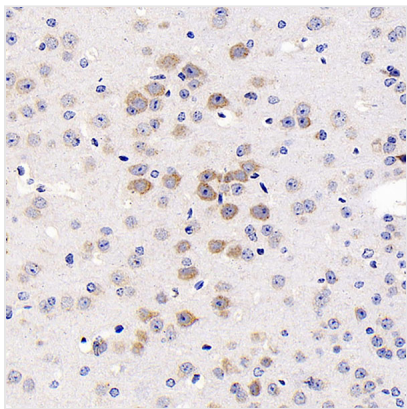
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	170 mug/mL (varies by lot)
Sequence Length	1,482
Applicable Applications for anti-GRIN2B antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein corresponding to Mouse NMDAR2B
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded rat brain using GRIN2B Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded mouse brain using GRIN2B Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-GRIN2B antibody	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain.
Product Categories/Family for anti-GRIN2B antibody	Cancer; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	117168299
NCBI GeneID	14812
NCBI Accession #	NP_032197.3
NCBI GenBank Nucleotide #	NM_008171.4
UniProt Accession #	Q01097; Q9DCB2
Molecular Weight	165,959 Da
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2B
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, NMDA2B (epsilon 2)
NCBI Official Symbol	Grin2b
NCBI Official Synonym Symbols	NR2B; GluN2B; Nmdar2b; AW490526; GluRepsilon2
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2B
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2B
UniProt Gene Name	Grin2b
UniProt Synonym Gene Names	NMDAR2B; NR2B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

